

Montgomery County, Maryland
Table K2.--Soil Features

Print date: 07/31/2002

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
1B: Gaila-----	---	In	In	---	In	In	Moderate	Low	High
1C: Gaila-----	---	---	---	---	0	---	Moderate	Low	High
2A: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
2B: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
2C: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
2UB: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
2UC: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
4B: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
4C: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
5A: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
5B: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
6A: Baile-----	---	---	---	---	0	---	High	High	High

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
7UB: Gaila-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
7UC: Gaila-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
9B: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
Hyattstown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
9C: Linganore-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Moderate
Hyattstown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
16B: Brinklow-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	High
Blocktown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
16C: Brinklow-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	High
Blocktown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
16D: Brinklow-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	High
Blocktown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
17B: Occoquan-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	High

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Map symbol and soil name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion		
	Kind	Depth to top	Thickness	Hardness	Initial		Total	Uncoated steel	Concrete
		In	In		In	In			
17C: Occoquan-----	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	High
18C: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
18E: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
19A: Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
19B: Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
20A: Brentsville-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	High
20B: Brentsville-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	High
20C: Brentsville-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	High
21A: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
21B: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
21C: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
21D: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate

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Map symbol and soil name	Restrictive layer			Subsidence		Potential for frost action	Risk of corrosion		
	Kind	Depth to top	Thickness	Hardness	Initial		Total	Uncoated steel	Concrete
		In	In		In	In			
21E: Penn-----	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Low	Moderate
21F: Nestoria-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Rock Outcrop-----	---	---	---	---	---	---	---	---	---
22A: Readington-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Moderate	Moderate
22B: Readington-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Moderate	Moderate
23A: Croton-----	Undefined	10-20	0-3	---	0	---	High	High	High
	Bedrock (lithic)	42-60	---	---					
24C: Montalto-----	---	---	---	---	0	---	Moderate	High	High
24D: Montalto-----	---	---	---	---	0	---	Moderate	High	High
25B: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
25C: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
26B: Montalto-----	---	---	---	---	0	---	Moderate	High	High
26C: Montalto-----	---	---	---	---	0	---	Moderate	High	High
27B: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
27C: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
28A: Watchung-----	---	---	---	---	0	---	High	High	Moderate
29B: Jackland-----	---	---	---	---	0	---	High	High	Low
35B: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Conowingo-----	Bedrock (lithic)	42-60	---	---	0	---	High	High	High
35C: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
36A: Conowingo-----	Bedrock (lithic)	42-60	---	---	0	---	High	High	High
37B: Travilah-----	Bedrock (lithic)	20-40	---	---	0	---	High	High	Low
41A: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
41B: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
43A: Elk-----	---	---	---	---	0	---	None	Moderate	Moderate
45A: Delanco-----	---	---	---	---	---	---	High	High	High
46A: Huntington-----	---	4-60	---	---	0	---	High	Low	Moderate
47A: Lindside-----	---	---	---	---	0	---	High	Moderate	Low
48A: Melvin-----	---	---	---	---	0	---	None	High	Low
50A: Rowland-----	---	72-72	---	---	0	---	High	High	Moderate

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
51A: Bowmansville-----	---	72-99	---	---	0	---	High	High	Moderate
Melvin-----	---	---	---	---	0	---	None	High	Low
53A: Codorus-----	---	---	---	---	0	---	High	High	Moderate
54A: Hatboro-----	---	---	---	---	0	---	High	High	Moderate
55C: Evesboro-----	---	---	---	---	0	---	Low	Low	High
57B: Chillum-----	---	---	---	---	0	---	High	Moderate	High
57C: Chillum-----	---	---	---	---	0	---	High	Moderate	High
57D: Chillum-----	---	---	---	---	0	---	High	Moderate	High
57UB: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Urban Land-----	---	---	---	---	---	---	---	---	---
58B: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
58C: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
59A: Beltsville-----	---	---	---	---	0	---	High	High	High
59B: Beltsville-----	---	---	---	---	0	---	High	High	High
61B: Croom-----	---	---	---	---	0	---	Moderate	Low	High
61C: Croom-----	---	---	---	---	0	---	Moderate	Low	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
61D: Croom-----	---	---	---	---	0	---	Moderate	Low	High
61E: Croom-----	---	---	---	---	0	---	Moderate	Low	High
61UB: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
64B: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
64C: Croom-----	---	---	---	---	0	---	Moderate	Low	High
Bucks-----	Bedrock (paralithic)	40-40	---	---	0	---	Moderate	Low	Moderate
65B: Wheaton-----	---	---	---	---	0	---	Moderate	Low	High
66UB: Wheaton-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
66UC: Wheaton-----	---	---	---	---	0	---	Moderate	Low	High
Urban Land-----	---	---	---	---	---	---	---	---	---
67UB: Urban Land-----	---	---	---	---	---	---	---	---	---
Wheaton-----	---	---	---	---	0	---	Moderate	Low	High
100: Dumps, Refuse-----	---	---	---	---	---	---	---	---	---
109D: Hyattstown-----	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low

